

## Storm Data and Unusual Weather Phenomena - May 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ILLINOIS, Southwest</b>				
<b>RANDOLPH COUNTY --- 1.0 W MODOC [38.05, -90.05]</b>				
	05/08/09 09:50 CST		0	Hail (1.50 in)
	05/08/09 09:50 CST		0	Source: Trained Spotter
<b>RANDOLPH COUNTY --- 2.0 WNW STEELEVILLE [38.01, -89.70]</b>				
	05/08/09 10:13 CST		0	Thunderstorm Wind (EG 52 kt)
	05/08/09 10:13 CST		0	Source: Trained Spotter
Two large trees were blown down at the intersection of Illinois Routes 4 and 150.				
<b>RANDOLPH COUNTY --- EVANSVILLE [38.08, -89.93], ROCKWOOD [37.83, -89.70]</b>				
	05/08/09 11:45 CST		0	Thunderstorm Wind (EG 52 kt)
	05/08/09 11:55 CST		0	Source: Law Enforcement
Thunderstorm winds caused widespread tree damage as well as power lines in western Randolph county. Some buildings sustained minor shingle damage.				
<b>WASHINGTON COUNTY --- IRVINGTON [38.43, -89.17], 1.4 ENE DUBOIS [38.23, -89.19], 4.2 W MC KINLEY [38.22, -89.63], 0.6 SE VENEDY STATION [38.44, -89.61]</b>				
	05/08/09 12:00 CST		0	Flash Flood (due to Heavy Rain)
	05/08/09 14:00 CST		0	Source: Law Enforcement
Up to four inches of rain fell in a short amount of time causing flash flooding. Several roads were flooded including U.S. Highway 51 and Illinois State Route 153.				
<b>ST. CLAIR COUNTY --- 2.8 NE SUMMERFIELD [38.62, -89.71], 1.3 E WHITE OAK [38.23, -89.71], 4.5 SW LENZBURG [38.23, -89.88], 1.8 ENE O FALLON [38.61, -89.87]</b>				
	05/08/09 14:00 CST		0	Flash Flood (due to Heavy Rain)
	05/08/09 16:30 CST		0	Source: Law Enforcement
Up to three inches of rain fell in a short amount of time causing flash flooding. Several roads were flooded including U.S. Highway 50 between Summerfield and Trenton and Illinois State Route 13 between Lenzburg and Marissa.				
A large mesoscale convective system moved east across southern Missouri and southern Illinois causing widespread wind damage, as well as hail and a few tornadoes.				
<b>MISSOURI, East</b>				
<b>ST. FRANCOIS COUNTY --- FARMINGTON [37.78, -90.42]</b>				
	05/08/09 00:31 CST		0	Hail (0.75 in)
	05/08/09 00:31 CST		0	Source: Trained Spotter
A frontal boundary moved through the region, triggering showers and thunderstorms. Numerous reports of large hail and some isolated wind damage was reported.				
<b>GASCONADE COUNTY --- 5.0 S BLAND [38.21, -91.67], 7.0 SSE BLAND [38.19, -91.62]</b>				
	05/08/09 06:58 CST		0	Hail (1.75 in)
	05/08/09 07:00 CST		0	Source: Trained Spotter
<b>CRAWFORD COUNTY --- 2.0 N CUBA [38.10, -91.40]</b>				
	05/08/09 07:14 CST		0	Hail (1.00 in)
	05/08/09 07:14 CST		0	Source: Trained Spotter
<b>CRAWFORD COUNTY --- 2.0 W BOURBON [38.14, -91.27], 1.0 W BOURBON [38.15, -91.25]</b>				
	05/08/09 07:15 CST		0	Hail (1.00 in)
	05/08/09 07:20 CST		0	Source: Trained Spotter

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<b>OSAGE COUNTY --- 0.5 S FREEBURG [38.31, -91.92], 2.1 SSW RICH FOUNTAIN [38.37, -91.89], 3.2 NNE BYRON [38.37, -91.69], 1.9 SSE BYRON [38.30, -91.71]</b>				
	05/08/09 07:50 CST		0	Flash Flood (due to Heavy Rain)
	05/08/09 12:30 CST		0	Source: Law Enforcement
Between 2 and 3 inches of rain fell in a short amount of time causing flash flooding. Highway 89 had two feet of water over it about 4 miles north of Belle.				
<b>IRON COUNTY --- VIBURNUM [37.72, -91.13]</b>				
	05/08/09 08:05 CST		0	Hail (1.00 in)
	05/08/09 08:05 CST		0	Source: Trained Spotter
<b>WASHINGTON COUNTY --- 0.8 NNW SPRINGTOWN [37.94, -90.78]</b>				
	05/08/09 08:34 CST		0	Hail (2.75 in)
	05/08/09 08:34 CST		0	Source: Trained Spotter
<b>REYNOLDS COUNTY --- 2.1 NNW EXCHANGE [37.26, -91.05], 0.8 SE ELLINGTON [37.24, -90.97]</b>				
	05/08/09 09:10 CST		0	Thunderstorm Wind (EG 56 kt)
	05/08/09 09:15 CST		0	Source: Trained Spotter
Thunderstorm winds blew down numerous trees along Highway F west of Ellington. Also, several power poles were blown down and a detached garage was severely damaged.				
<b>ST. FRANCOIS COUNTY --- 5.0 N BONNE TERRE [37.99, -90.57]</b>				
	05/08/09 09:15 CST		0	Hail (0.75 in)
	05/08/09 09:15 CST		0	Source: Amateur Radio
<b>REYNOLDS COUNTY --- 4.4 W REDFORD [37.32, -91.00], 2.6 W REDFORD [37.33, -90.97]</b>				
	05/08/09 09:25 CST		0	Tornado (EF1, L: 1.80 mi , W: 440 yd)
	05/08/09 09:27 CST		0	Source: NWS Storm Survey
It was determined that an EF1 tornado occurred 6.5 miles north of Ellington in Reynolds county. Significant roof damage to 2 homes was noted, as well as a chaotic damage pattern in the hundreds of downed trees. Debris was scattered for approximately one quarter of a mile. The tornado damage path was estimated to be approximately 2 miles long and one quarter mile wide.				
<b>CRAWFORD COUNTY --- 2.9 WNW BERRYMAN [37.94, -91.16], 5.0 NE BOURBON [38.19, -91.15], 3.1 WSW OAK HILL [38.20, -91.47], 5.2 WNW VIVIAN [37.95, -91.49]</b>				
	05/08/09 09:30 CST		0	Flash Flood (due to Heavy Rain)
	05/08/09 14:30 CST		0	Source: Law Enforcement
Up to four inches of rain fell in a short amount of time causing flash flooding. Numerous roads were flooded including Highways C and N.				
<b>GASCONADE COUNTY --- 0.2 NW ELAND [38.30, -91.63], 2.9 ENE OWENSVILLE [38.37, -91.45], 4.5 SE BEM [38.22, -91.41], 3.8 SE CLEAVESVILLE [38.23, -91.63]</b>				
	05/08/09 09:30 CST		0	Flash Flood (due to Heavy Rain)
	05/08/09 14:30 CST		0	Source: Law Enforcement
Up to 4 inches of rain fell in a short amount of time causing flash flooding. Numerous roads were flooded for a time including Wildcat Road, Van Horn Road and Glaser Hollow Road.				
<b>STE. GENEVIEVE COUNTY --- 5.0 W STE GENEVIEVE [37.98, -90.14]</b>				
	05/08/09 09:39 CST		0	Hail (1.25 in)
	05/08/09 09:39 CST		0	Source: Amateur Radio
<b>IRON COUNTY --- 2.0 WSW BIXBY [37.66, -91.12], 0.9 ESE IRONTON [37.60, -90.61]</b>				
	05/08/09 10:00 CST		0	Thunderstorm Wind (EG 87 kt)
	05/08/09 10:50 CST		0	Source: NWS Storm Survey

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The survey of damage indicated a large swath of straight line winds with estimated speeds of 60 to 70 mph over the northern third of Reynolds county and large parts of Iron county. Much of the damage was due to fallen trees. While trees were down over most of Reynolds and Iron counties, the tree damage was most concentrated in an area between Bixby and Reynolds, eastward to an area between Ironton and Glover. Within that area, microbursts occurred, with estimated wind speeds up to 100 mph. One particularly intense microburst was surveyed along Highway 21 about 4 miles south of Arcadia where a radio tower was blown down. In these areas, it was noted that up to 80 percent of the forest had been felled. Scattered structural damage, mostly to roofs and outbuildings, was also noted, including the Brown Shoe building in Ironton.				

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### REYNOLDS COUNTY --- 4.8 SSW GREELEY [37.45, -91.21], LESTERVILLE [37.45, -90.85]

05/08/09 10:00 CST	0	Thunderstorm Wind (EG 87 kt)
05/08/09 10:40 CST	0	Source: NWS Storm Survey

The survey of damage indicated a large swath of straight line winds with estimated speeds of 60 to 70 mph over the northern third of Reynolds county and parts of northwestern Iron county. Much of the damage was due to fallen trees. While trees were down over most of Reynolds and Iron counties, the tree damage was most concentrated in an area between Bixby and Reynolds, eastward to an area between Ironton and Glover. Within that area, microbursts occurred, with estimated wind speeds up to 100 mph. Three particularly intense microbursts were surveyed along Highway KK just south of Highway J, along Highway UU north of Bunker, and along Highway 49/72 near Lesterville. In these areas, it was noted that up to 80 percent of the forest had been felled. Scattered structural damage, mostly to roofs and outbuildings, was also noted.

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### WASHINGTON COUNTY --- 3.3 S MARYDEN [37.75, -90.67], 1.6 SW QUAKER [37.76, -91.02], 5.7 NW SHIRLEY [37.97, -91.01], 2.2 SSE CADET [37.95, -90.68]

05/08/09 10:15 CST	0	Flash Flood (due to Heavy Rain)
05/08/09 15:30 CST	0	Source: Law Enforcement

Up to three inches of rain fell in a short amount of time causing flash flooding. Numerous roads were flooded for a time including Mill and Jefferson streets in Potosi and New Diggins Road southeast of Potosi. Also, the Big River overtopped its banks and flooded portions of Highway M northeast of Caledonia.

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### WASHINGTON COUNTY --- 3.4 W HOPEWELL [37.88, -90.78]

05/08/09 10:30 CST	0	Thunderstorm Wind (EG 52 kt)
05/08/09 10:30 CST	0	Source: Amateur Radio

Several large trees were blown down 5 miles south of Potosi on Highway 21, blocking the highway for a time.

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### ST. FRANCOIS COUNTY --- 1.1 WSW IRON MTN [37.69, -90.64], 1.5 SSE LIBERTYVILLE [37.68, -90.29]

05/08/09 10:45 CST	0	Thunderstorm Wind (MG 66 kt)
05/08/09 11:10 CST	0	Source: Amateur Radio

Isolated to scattered areas of tree damage were confined across the southern third of St. Francois County. One microburst hit Iron Mountain where two large trees smashed through two homes. Also, numerous power lines were blown down.

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### ST. FRANCOIS COUNTY --- 2.6 WSW SILVER SPGS [37.99, -90.58], 2.6 N FRENCH VLG [38.01, -90.39], 0.6 ENE FRENCH VLG [37.97, -90.39], 1.6 ENE ST FRANCOIS [37.86, -90.47], 1.4 ESE FARMINGTON [37.77, -90.40], 0.6 W BISMARCK MEM ARPT [37.75, -90.63]

05/08/09 10:47 CST	0	Flash Flood (due to Heavy Rain)
05/08/09 15:30 CST	0	Source: Law Enforcement

Up to 4 inches of rain fell in a short amount of time causing flash flooding. Several roads were closed including U.S. Highway 67 north of Bonne Terre. Also, some ties were washed out from under train tracks just south of Bismarck and several water rescues were performed in the Park Hills area. Two homes in Park Hills had up to 8 feet of water in their basements due to the heavy rain.

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### MADISON COUNTY --- ROSELLE [37.60, -90.53], 1.5 NE CORNWALL [37.53, -90.20]

05/08/09 10:50 CST	0	Thunderstorm Wind (EG 78 kt)
05/08/09 11:15 CST	0	Source: NWS Storm Survey

A swath of straight line winds, commonly known as downbursts, with estimated winds of 60 to 75 mph extended from the northwest corner of Madison county through Fredricktown along Highway 72 to the Bollinger county line. Much of the damage that occurred was due to fallen trees, that were either uprooted or snapped at the base of the trunk. Structural damage was observed in the town of Fredricktown where roofs and windows were damaged, and a few trees fell onto houses. Eye witnesses reported that the severe wind gusts lasted up to 45 minutes in duration. Within the larger swath of severe winds were pockets of more intense damage caused by microbursts with wind gusts greater than 80 mph. The most intense wind damage occurred in the area from 3 miles north of the intersection of Highways F and V. Many large trees were blown down in this area which were caused by estimated gusts as high as 90 mph.

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### ST. FRANCOIS COUNTY --- 0.7 ESE CANTWELL [37.88, -90.51], FARMINGTON [37.78, -90.42]

05/08/09 10:55 CST	0	Thunderstorm Wind (EG 56 kt)
05/08/09 11:05 CST	0	Source: Trained Spotter

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Thunderstorm winds blew down numerous trees and power lines between Park Hills and Farmington. Also, a house at the intersection of Liberty Street and Jefferson Street sustained moderate roof damage and a restaurant in town sustained moderate roof damage as well. A semi was blown over just north of Park Hills on U.S. Highway 67. No one was injured in the incident.				

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<b>MADISON COUNTY --- 0.9 ESE MINE LA MOTTE [37.62, -90.28], 1.2 N FREDRICKTOWN MUNI AR [37.62, -90.28]</b>				
	05/08/09 11:05 CST		0	Tornado (EF0, L: 0.50 mi , W: 50 yd)
	05/08/09 11:06 CST		0	Source: NWS Storm Survey

A tornado briefly touched down and traveled to the east. Several trees were blown over by the tornado before it lifted and dissipated.

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<b>MADISON COUNTY --- 1.0 W CORNWALL [37.52, -90.24], 0.6 WSW CORNWALL [37.52, -90.23]</b>				
	05/08/09 11:10 CST		0	Tornado (EF1, L: 0.47 mi , W: 30 yd)
	05/08/09 11:11 CST		0	Source: NWS Storm Survey

A tornado briefly touched down near the intersection of County roads 229 and 234. The tornado then traveled east along County road 234 for half a mile before lifting and dissipating. It blew down a few trees as well as numerous large tree limbs.

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<b>STE. GENEVIEVE COUNTY --- 0.6 ENE ST MARYS [37.87, -89.94], 0.4 SW MINNITH [37.80, -90.06], 2.8 SE LAWRENCETON [37.94, -90.27], 1.7 SE BRICKEYS [38.06, -90.20], 0.9 N STE GENEVIEVE [37.99, -90.05], 0.7 ENE HICKS [37.93, -89.99]</b>				
	05/08/09 13:14 CST		0	Flash Flood (due to Heavy Rain)
	05/08/09 15:30 CST		0	Source: Law Enforcement

Up to four inches of rain fell in a short amount of time causing flash flooding. Several roads were flooded including U.S. Highway 61 on the north end of St. Mary. Also, a water rescue had to be performed near Bloomsdale.

**A large mesoscale convective system moved east across southern Missouri and southern Illinois causing widespread wind damage, as well as hail and a few tornadoes.**